

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2	("4998709" or ("4704196")).PN.	USPAT	OR	OFF	2005/08/12 08:11
L2	32	(wilhelm near frohs) or (klaus-peter near brehler) or (klaus near peter near brehler) or (michael near heine) or (wilhelm near frohs).in. or (klaus-peter near brehler).in. or (klaus near peter near brehler).in. or (michael near heine).in.	US-PGPUB; USPAT	ADJ	ON	2005/08/12 08:11
L3	28	L2 and (carbon or electrodes or carbon electrode\$1\$1 or carbon fiber)	US-PGPUB; USPAT	ADJ	ON	2005/08/12 08:11
L4	28	L2 and (carbon or electrodes or carbon electrode\$1\$1 or carbon fiber or carbon fibre)	US-PGPUB; USPAT	ADJ	ON	2005/08/12 08:11
L5	32	(wilhelm near frohs) or (klaus-peter near brehler) or (klaus near peter near brehler) or (michael near heine) or (wilhelm near frohs).in. or (klaus-peter near brehler).in. or (klaus near peter near brehler).in. or (michael near heine).in.	US-PGPUB; USPAT	ADJ	ON	2005/08/12 08:11
L6	0	L2 and (carbon or electrodes or carbon electrode\$1\$1 or carbon fiber or carbon fibre)	USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/08/12 08:11
L7	46	(wilhelm near frohs) or (klaus-peter near brehler) or (klaus near peter near brehler) or (michael near heine)	USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/08/12 08:11
L8	11	("3550270" "3671385" "3790393" "3914395" "3936535" "4594722" "4777093" "4814307" "H000420").PN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2005/08/12 08:11
L9	1	("20040265591").PN.	US-PGPUB	OR	OFF	2005/08/12 08:11
L10	6	L8 and (carbon fibers or carbon fibres)	US-PGPUB; USPAT	ADJ	ON	2005/08/12 08:11
L11	19763	carbon electrode\$1 or carbon material electrode\$1 or (carbon electrode\$1 near1 connecting pin\$1) or (connecting pin\$1) or (connecting nipple\$1) or (carbon electrode\$1 near1 connecting nipple\$1) or (electrode nipple\$1)	US-PGPUB; USPAT	ADJ	ON	2005/08/12 08:11
L12	44550	carbon fibre or carbon fiber or polyacrylonitrile near1 fibre or polyacrylonitrile near1 fiber or PAN based fibre\$1 or PAN fibre\$1 or PAN fiber\$1	US-PGPUB; USPAT	ADJ	ON	2005/08/12 08:11

L13	121458	(anodic\$2 oxid\$5) or (oxidatively activated surface) or (surface treatment) or (surface activation) or (sizing)	US-PGPUB; USPAT	ADJ	ON	2005/08/12 08:11
L14	992	L12 same L13	US-PGPUB; USPAT	ADJ	ON	2005/08/12 08:11
L15	38	L14 and L11	US-PGPUB; USPAT	ADJ	ON	2005/08/12 08:11
L16	1	("2969251").PN.	USPAT	OR	OFF	2005/08/12 08:11
L17	22090	carbon electrode\$1 or carbon material electrode\$1 or (carbon electrode\$1 near1 connecting pin\$1) or (connecting pin\$1) or (connecting nipple\$1) or (carbon electrode\$1 near1 connecting nipple\$1) or (electrode nipple\$1) or (graphite electrode\$1)	US-PGPUB; USPAT	ADJ	ON	2005/08/12 08:11
L18	39	L14 and L17	US-PGPUB; USPAT	ADJ	ON	2005/08/12 08:11
L19	49023	carbon fibre or carbon fiber or (polyacrylonitrile near1 fibre) or (polyacrylonitrile near1 fiber) or PAN based fibre\$1 or PAN fibre\$1 or PAN fiber\$1 or graphite fiber\$1 or graphite filament\$1 or graphite fibre\$1	US-PGPUB; USPAT	ADJ	ON	2005/08/12 08:11
L20	972747	coat\$3 or sizing or carboniz\$2 coat\$3 or polyurethane coat\$3 or aqueous polyurethane coat\$3	US-PGPUB; USPAT	ADJ	ON	2005/08/12 08:11
L21	4917	L19 with L20	US-PGPUB; USPAT	ADJ	ON	2005/08/12 08:11
L22	105020	modulus of elasticity or elastic modulus or modulus	US-PGPUB; USPAT	ADJ	ON	2005/08/12 08:11
L23	2891	L19 with L22	US-PGPUB; USPAT	ADJ	ON	2005/08/12 09:47
L24	596	L21 and L23	US-PGPUB; USPAT	ADJ	ON	2005/08/12 08:11
L25	20	L24 and L11	US-PGPUB; USPAT	ADJ	ON	2005/08/12 08:11
L26	268146	(coat\$3 or siz\$3) same (wax or pitch or resin\$1)	US-PGPUB; USPAT	ADJ	ON	2005/08/12 08:11
L27	4173	L19 same L26	US-PGPUB; USPAT	ADJ	ON	2005/08/12 08:11
L28	108	L27 and L11	US-PGPUB; USPAT	ADJ	ON	2005/08/12 08:11

L29	49023	carbon fibre or carbon fiber or (polyacrylonitrile near1 fibre) or (polyacrylonitrile near1 fiber) or PAN based fibre\$1 or PAN fibre\$1 or PAN fiber\$1 or graphite fiber\$1 or graphite filament\$1 or graphite fibre\$1 or coat\$2 carbon fiber or coat\$2 carbon fibre	US-PGPUB; USPAT	ADJ	ON	2005/08/12 08:11
L30	931456	carbonized coating or coat\$3	US-PGPUB; USPAT	ADJ	ON	2005/08/12 08:11
L31	4716	L29 with L30	US-PGPUB; USPAT	ADJ	ON	2005/08/12 08:11
L32	201	L31 and L17	US-PGPUB; USPAT	ADJ	ON	2005/08/12 08:11
L33	933028	carbonized coating or coat\$3 or surface coating	US-PGPUB; USPAT	ADJ	ON	2005/08/12 08:11
L34	14453	connecting pins or connecting nipples or electrode nipples or graphite nipples	US-PGPUB; USPAT	ADJ	ON	2005/08/12 08:11
L35	4732	L29 with L33	US-PGPUB; USPAT	ADJ	ON	2005/08/12 08:11
L36	9	L35 and L34	US-PGPUB; USPAT	ADJ	ON	2005/08/12 08:11
L37	4732	L29 with L33	US-PGPUB; USPAT	ADJ	ON	2005/08/12 08:11
L38	201	L35 and L17	US-PGPUB; USPAT	ADJ	ON	2005/08/12 08:11
L39	41670	(coating or coating agent\$1) near2 (wax or pitch or resin\$1)	US-PGPUB; USPAT	ADJ	ON	2005/08/12 08:11
L40	146	L29 with L39	US-PGPUB; USPAT	ADJ	ON	2005/08/12 08:11
L41	41553	(coating or coating agent\$1 surface coating) near2 (wax or pitch or resin\$1)	US-PGPUB; USPAT	ADJ	ON	2005/08/12 08:11
L42	41798	(coating or coating agent\$1 or surface coating) near2 (wax or pitch or resin\$1)	US-PGPUB; USPAT	ADJ	ON	2005/08/12 08:11
L43	1	("4704196").PN.	USPAT	OR	OFF	2005/08/12 08:11
L44	6	L40 and L11	US-PGPUB; USPAT	ADJ	ON	2005/08/12 08:11
L45	46	carbonized coating	US-PGPUB; USPAT	ADJ	ON	2005/08/12 08:11
L46	19	carbonized coating	USOCR	ADJ	ON	2005/08/12 08:11
L47	36185	(coating or coating agent\$1 or surface coating) same (wax or pitch or resin\$1 or thermoplastic resin\$1 or thermoset\$4 resin\$1)	US-PGPUB; USPAT	ADJ	ON	2005/08/12 08:11

L48	331	L19 same L47	US-PGPUB; USPAT	ADJ	ON	2005/08/12 08:11
L49	299	L48 NOT L40	US-PGPUB; USPAT	ADJ	ON	2005/08/12 08:11
L50	0	L1 and (woven or unwoven or nonwoven or non-woven)	US-PGPUB; USPAT	ADJ	ON	2005/08/12 08:11
L51	0	GB1548046	EPO	ADJ	ON	2005/08/12 08:11
L52	26	NIPPON CARBON CO	EPO	ADJ	ON	2005/08/12 08:11

L53	98	((("4443726") or ("5203973") or ("5384878") or ("5507933") or ("5528155") or ("5676807") or ("5683444") or ("6315704") or ("6319185") or ("6338706") or ("6376592") or ("6379290") or ("4929505") or ("4967599") or ("5228795") or ("5248361") or ("5635660") or ("5640054") or ("5875648") or ("5915647") or ("5955215") or ("6043468") or ("4256412") or ("4256178") or ("4268468") or ("4335089") or ("4408380") or ("4507164") or ("4520067") or ("4547650") or ("4571446") or ("4579658") or ("4594722") or ("4767007") or ("4790626") or ("4807614") or ("4808370") or ("4810039") or ("4834757") or ("4840828") or ("4862328") or ("4867091") or ("4896514") or ("4903441") or ("RE33208") or ("4923337") or ("4998709") or ("5000537") or ("5004242") or ("5021281).pn.") or ("5179140") or ("5215830") or ("5217062") or ("5236447") or ("5240533") or ("5244930") or ("5258873") or ("5266180") or ("5285008") or ("5346237") or ("5456171") or ("5464325") or ("5474740") or ("5478647") or ("5482774") or ("5484634") or ("5485765") or ("5534033") or ("5630940") or ("5717160") or ("5748281") or ("5780127") or ("5788287") or ("5793540") or ("5851152") or ("5904087") or ("5942176") or ("5974648") or ("6031214") or ("6047685") or ("6053800") or ("6104357") or ("6122835") or ("6137083") or ("6227805") or ("6280663") or ("6287765") or ("6315827") or ("6439219") or ("6440563") or ("6447946") or ("4476164") or ("5380556") or ("4944904") or ("5268062") or ("5352494") or ("5377792") or ("5397595") or ("5552505") or ("5635300).pn.")), PN.	USPAT	OR	OFF	2005/08/12 08:11
L54	9	I53 and (carbon electrode\$1 or graphite electrode\$1 or connecting pin\$1 or connecting nipple\$1 or electrode nipple\$1)	US-PGPUB; USPAT	ADJ	ON	2005/08/12 09:21

L55	5	("3837904" "3839252" "4069210" "4096104" "4167538").PN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2005/08/12 09:44
L56	161	I21 and I11	US-PGPUB; USPAT	ADJ	ON	2005/08/12 09:49
L57	11	("3198714" "3201330" "3367812" "3407038" "3573086" "4041116").PN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2005/08/12 09:50
L58	2100	(carbon fiber or carbon fibre) same (woven, non-woven or nonwoven or unwoven or wrap-knit\$4 or knit\$4)	US-PGPUB; USPAT	ADJ	ON	2005/08/12 11:04
L59	51	I58 and I11	US-PGPUB; USPAT	ADJ	ON	2005/08/12 11:02
L60	5271	(carbon fiber or carbon fibre) same (woven or non-woven or nonwoven or unwoven or wrap-knit\$4 or knit\$4)	US-PGPUB; USPAT	ADJ	ON	2005/08/12 11:05
L61	0	I6 and I11	US-PGPUB; USPAT	ADJ	ON	2005/08/12 11:05
L62	139	I60 and I11	US-PGPUB; USPAT	ADJ	ON	2005/08/12 11:05
L63	4226	(264/29.5,29.1).ccls. or (373/88, 92).ccls. or (403/DIG5).ccls. or (428/408).ccls.	US-PGPUB; USPAT	ADJ	ON	2005/08/12 11:09
L64	1268	(carbon fibre or carbon fiber) and I63	US-PGPUB; USPAT	ADJ	ON	2005/08/12 11:10
L65	36	(coefficient of thermal expansion or CTE or liniar coefficient of thermal expansion) and I64	US-PGPUB; USPAT	ADJ	ON	2005/08/12 11:10